

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 06/03/04

Date Received: 05/28/04

Project: Metro Self Monitor, PO# M104315, F&BI 405266

Date Extracted: 06/01/04

Date Analyzed: 06/01/04

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE
FOR TOTAL METALS BY
INDUCTIVELY COUPLED PLASMA (ICP)
(METHOD 6010)**

Results Reported as mg/L (ppm)

<u>Sample ID</u> Laboratory ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M104315 405266-01	0.53	0.66	0.60	<0.05
Method Blank	<0.05	<0.05	<0.10	<0.05

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**QUALITY ASSURANCE RESULTS
FROM TOTAL METALS BY
INDUCTIVELY COUPLED PLASMA (ICP)
(METHOD 6010)**

Laboratory Code: 405266-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	% Recovery MS	% Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/L (ppm)	2	0.53	102	90	50-150	13
Copper	mg/L (ppm)	2	0.66	102	94	50-150	8
Nickel	mg/L (ppm)	4	0.60	105	92	50-150	13
Zinc	mg/L (ppm)	2	<0.05	113	97	50-150	15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	Acceptance Criteria
Chromium	mg/L (ppm)	2	102	70-130
Copper	mg/L (ppm)	2	104	70-130
Nickel	mg/L (ppm)	4	104	70-130
Zinc	mg/L (ppm)	2	108	70-130

405266

SAMPLE CHAIN OF CUSTODY

CME 05/28/04

BI

Send Report To

G. Thompson

Company

Alaska Copper Works

Address

628 S. Hammond St

City, State, ZIP

Seattle WA 98134

Phone #

206-382-8379

Fax #

206-382-4309

SAMPLER (signature)

PROJECT NAME/NO.

METRO Self monitor

PO #

M104315

REMARKS

Page # of

TURNAROUND TIME

☐ Standard (2 Weeks)☐ RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

☐ Dispose after 30 days☐ Return samples☐ Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED										Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS					
M104315	01	5/28/04	9:40	H2O	1											

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

SIGNATURE

Relinquished by:

Received by:

Relinquished by:

Received by:

PRINT NAME

G. Thompson

Nhan Phan

COMPANY

ACW

Friedman & Bruya

DATE

5/28/04

5/28/04

TIME

10:20am

10:20

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

June 3, 2004

DUPLICATE COPY

INVOICE # 04ACU0603-1

Accounts Payable
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M104315, F&BI 405266 - Results of testing
requested by Gerry Thompson for material submitted on May 28, 2004.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc
by Method 6010B @ \$80 per sample \$ 80.00

Amount Due \$ 80.00

FEDERAL TAX ID #(b) (6)

FRIEDMAN & BRUYA, INC.

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June 3, 2004

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

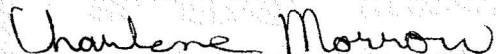
Dear Mr. Thompson:

Included are the results from the testing of material submitted on May 28, 2004 from the Metro Self Monitor, PO# M104315, F&BI 405266 project. There are 2 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Charlene Morrow
Chemist

Enclosures
ACU0603R.DOC